

"Todor Kableshkov" University of Transport

Faculty: Transport Management

Programme: Technology and Management of Transport

Degree: Bachelor

Mode of study: Full time

Duration of study: 4.0 years

| No | Code | Course | Total contact hours (Hours of lectures and seminars) | ECTS credits |
|---------------------------|------|---|--|-----------------|
| <i>Compulsory courses</i> | | | | |
| 1 | 811 | Mathematics part I | 75 | 7 |
| 2 | 1207 | Chemistry | 45 | 4 |
| 3 | 715 | Foreign Language - English, German, French, Russian | 90 | 6 |
| 4 | 702 | Economics | 60 | 4 |
| 5 | 129 | Occupational Safety and Health in Transport | 45 | 4 |
| 6 | 1435 | Fundamentals of Accounting | 60 | 5 |
| 7 | 812 | Mathematics part II | 75 | 7 |
| 8 | 1114 | Physics | 90 | 7 |
| 9 | 838 | Informatics | 90 | 7 |
| 10 | 703 | Economic History | 45 | 3 |
| 11 | 1202 | Material Science | 75 | 6 |
| 12 | 814 | Mathematics part III | 60 | 6 |
| 13 | 905 | Applied Mechanics | 75 | 6 |
| 14 | 150 | Transport Commercial Activities | 60 | 7 |
| 15 | 689 | Material Handling and Storage Processes | 60 | 6 |
| 16 | 142 | Transport Technical Operation and Safety | 120 | 5 |
| 17 | 219 | Transport Equipment | 75 | 7 |
| 18 | 543 | Telecommunications and Signalling | 60 | 5 |
| 19 | 134 | Statistical Data Processing | 45 | 4 |
| 20 | 1119 | Electrical Engineering Fundamentals | 60 | 5 |
| 21 | 224 | Train Brake Systems and Traction | 60 | 4 |
| 22 | 111 | Management Information Systems | 45 | 4 |
| 23 | 247 | Heat Transfer and Energy Equipment | 60 | 5 |
| 24 | 1464 | Economics of Transport | 60 | 5 |
| 25 | 346 | Transport Infrastructure | 45 | 4 |
| 26 | 158 | Technology and Organization of Transport | 120 | 5 |
| 27 | 113 | International Transport | 75 | 6 |
| 28 | 1004 | Engineering Drawing | 60 | 4 |
| 29 | 117 | Modeling and Optimization of Transport Processes | 90 | 7 |
| 31 | 1005 | Fundamentals of Machine Design | 60 | 6 |
| 32 | 152 | Commercial, Financial and Forwarding Operations | 45 | 4 |
| 32 | 155 | Projects Management | 90 | 7 |
| 33 | 139 | Traffic Flow Theory | 75 | 6 |
| 34 | 126 | General Principles of Law | 60 | 5 |
| 35 | 110 | Internet Technologies | 75 | 6 |
| 36 | 115 | Management and Marketing in Transport | 45 | 4 |
| 37 | 124 | Principles of Logistics | 90 | 6 |
| 38 | 1209 | Ecology | 60 | 4 |

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|-------------------------|------|---|----|---|
| 39 | 101 | Transport Modes Interoperability | 60 | 4 |
| 45 | 719 | Physical Education and Sports | 0 | 0 |
| | 1225 | Turnery | 6 | 0 |
| | 1224 | Locksmith | 0 | 0 |
| | 1223 | Thermal Treatment | 0 | 0 |
| | 1222 | Welding | 0 | 0 |
| | 1221 | Casting | 0 | 0 |
| <i>Elective courses</i> | | | | |
| 40.1 | 145 | Technology and Design of Railway Stations and Junctions | 75 | 7 |
| 40.2 | 102 | Urban Transport | 75 | 7 |
| 41.1 | 123 | Rail Traffic Safety | 45 | 4 |
| 41.2 | 104 | Urban Transport Operation and Safety | 45 | 4 |
| 42.1 | 120 | Operational Transport Management | 60 | 4 |
| 42.2 | 197 | Traffic management in cities | 60 | 4 |
| <i>Optional courses</i> | | | | |
| 43 | 1408 | Accounting Standards | 45 | 4 |
| 44 | 128 | Computer Office Applications | 60 | 4 |